

THE HEALING EFFECTS OF MAGNETS

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Part 1

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DEFINITIONS USED IN THIS ARTICLE

Negative Magnetic Pole Field = Magnetic pole field identified as negative by a magnetometer. Identified as the magnetic pole to which a north-seeking compass needle points.

Positive Magnetic Pole Field = Magnetic pole field identified as positive by a magnetometer. Identified as the magnetic pole to which a south-seeking compass needle points.

Electromagnetic Energy Field = The electromagnetic energy field formed at the negative and positive poles of a direct current.

Magneto-Electric Energy Field = The magneto-electric field formed at the negative and positive poles of a static field magnet.

On the use of electromagnetic pole identification applied to static magnetic pole fields: for the convenience of parallel biological responses to ionisation, electric poles and static magnetic fields and also to avoid 'semantic confusion' I have chosen to use the terms positive and negative magnetic fields.

For hundreds of years, anecdotal clinical observations have been made about the values of application of static magnetic fields to human ills. In recent years, there has been a worldwide increasing application of medical magnetic therapy.

Magnetic Resonance Imagery (MRI) has led the way in solidly introducing magnetic resonance into acceptable scientific medicine. MRI, with its necessary studies on toxicity prior to marketing, has led the USA FDA to classify the application of static magnetic fields to human diagnosis and therapy as "not essentially harmful".² This has cleared the way for research in medical magnetics to proceed without the necessity of further toxicity studies. BEMI (Bio-Electro-Magnetics Institute) has set up an IRB (Institutional Review Board) which qualifies for FDA approval in all states of the USA for acceptable ethical data gathering research in preparation for definitive publication in peer review scientific literature. This project is as big as both health and illness since the human body functions as an electromagnetic organism. In this article, a select few valuable clinically observed areas needing definitive statistical research verification will be highlighted. The goal of this Magnetic Resonance Therapeutic Research Project (MRTRP) is a firm establishment of magnetic resonance therapy in clinical medicine. The publication of appropriate results will make magnetic therapy acceptable in clinical medical practice and even popular as a self-help treatment and also for health maintenance.

The vector potential Aharonov-Bohm effect³ demonstrated that a static magnetic field from a solid-state magnet moves electrons in the magnetic field. Thus, electromotive energy is produced by the effect of a static magnetic field moving electrons. Thus, there is established the fact of an energy parallel between the electron movement and the positive and negative poles of a DC circuit and also in the positive and negative poles of a static magnetic field. This Aharonov-Bohm effect has been confirmed.⁴ Unfortunately, there are some physicists who have not updated their information and still assume that a static magnetic field is not an energy field.

LAWS GOVERNING STATIC MAGNETIC FIELD ENERGY

A simultaneous exposure of both magnetic fields of limited exposure will evoke an anti-stress response due to the physiological reflex response of counterirritation. The counterirritation or biofeedback response effect is usually not effective after about eight weeks of daily or nightly exposure.⁵ Separating exposure to the separate magnetic poles with exposure to a positive magnetic field behaves the same as to the simultaneous exposure to both positive and negative poles if of limited exposure. Separation of the poles produces a detectable stress effect for the positive magneto-electric energy pole and anti-stress effect for the negative magneto-electric energy pole when the exposure was suffi-

ciently prolonged. In developing the Hiltron instrument, which uses both magnetic poles, it was demonstrated that a stress field resulted by 200 gauss. This was used only for short durations. Albert Roy Davis found approximately 300 gauss (manufacturer's rating of 300 gauss which is in fact 1/3 of this as actual exposure in an open system) produced a consistent easily detectable separate and in fact opposite magnetic pole effect. There is a distant relationship between gauss strength and efficiency when using a magnetic field. The higher the gauss strength, the more efficient the response.

I submit the following responses to the separate and opposite magnetic poles of either a direct current circuit, electromagnet or static magnetic field. I present this because I have accepted this as so and as a practical guide to the therapeutic application of static magnetic field therapy. However, it should be understood that basic scientists/physicists do not accept any of these observations and/or theories as being scientifically established since none of these are statistically published in peer review literature. There is a lot of objective research yet to be done to provide convincing scientific evidence. The separate biological response to the two

BIOLOGICAL RESPONSE TO ANTI-STRESS NEGATIVE MAGNETO-ELECTRIC FIELD

- * pH-normalising
- * Oxygenating
- * Resolves cellular edema
- * Usually reduces symptoms
- * Can relieve addictive withdrawal symptoms
- * Inhibits micro-organisms' replication
- * Biologically normalising
- * Governs rest, relaxation and sleep
- * Restores magnetic biological energy
- * Evokes anabolic hormone production—melatonin and growth hormone
- * Counters and processes metabolic produced toxins out of the body
- * Cancels out free radicals
- * The magnetic energy expressed and governing during metabolic healing

magnetic poles comes the closest to being established and yet I find physicists, when initially introduced to this idea, quite routinely reject it.

The evidence of separate, distinct and opposite biological responses to separate opposite magnetic poles comes from (1) Albert Roy Davis' research work⁶ reported in his several books, which were not reported in scientific peer review literature; (2) Robert O. Becker's two books⁷ in which he demonstrated a positive magnetic field as present initially after injury and a negative magnetic field as being present during the healing process. He did not publish this information in peer review literature; (3) my observations and several unpublished research projects I know about; (4) Robert Bradford's report⁸ when examining the separate magnetic pole effect in a tumour, which has not been reported in the peer review literature; and (5) Arthur Trappier's 1990 research article in the *Journal of the National Medical Association*⁹ showing a separate magnetic pole effect in malignancy. This is the only peer review article on the subject of separate biological effects to opposite magnetic poles. Physicists are not likely to have heard of this article. At this stage, with a lack of peer review scientific reports, we can only anticipate that basic scientists/physicists will either doubt or cautiously consider what I have put forth as laws governing static magnetic fields. I can only hope basic scientists will consider and take these as reason for research and not quickly reject the whole based on some small part they cannot believe in at this stage of research. I present my observations and resulting theories based on the principle that observations not reported might as well not have been done. Adequate research will ultimately define the truth for all of us.

Negative magneto-electric energy controls all the metabolic biochemical processes involved in growth, healing, immune defence, non-immune micro-organism defence, detoxification, oxidation, metabolism, etc. The body has a process by which through a direct current circuit surrounding neurons and their axons concentrate negative electromagnetic energy at the site where it is needed. There are reflexology methods that can evoke the body to concentrate the necessary negative magneto-electric energy at the site where it is needed. One such is a mildly irritating but not cellularly damaging liniment or, in terms of magnetism, the use of a low-level positive electromagnetic field which can be placed over the area (such as a painful arthritic joint) needing the negative magneto-electric energy for healing. Another such is acupuncture stimulation signaling the body to concentrate this negative magneto-electric energy at a specific body area where it is needed. Homeopathy is a method by which a negative magneto-electric field with a systemic value is introduced into the body. A symptom-producing substance which is the same as being positive magneto-electric pole symptom-producing is repeatedly diluted and succussed with each dilution, which produces a static electricity

BIOLOGICAL RESPONSE TO PROLONGED, STRESSFUL, POSITIVE MAGNETO-ELECTRIC FIELD

- * Acid-producing
- * Oxygen deficit-producing
- * Evokes cellular edema
- * Often evokes or exacerbates the existing symptoms
- * Stress evokes endorphin production and can thus be addictive
- * Accelerates micro-organism replication
- * Biologically disorganising
- * Governs wakefulness and action
- * Uses up magnetic biological energy
- * Evokes catabolic hormone production and inhibits anabolic hormone production
- * Produces metabolically, toxic end products of metabolism and does not counter or process these toxins out of the body
- * Produces free radicals
- * The magnetic energy expressed initially at the site of injury

that of course produces with it a magnetic field. The succussion and dilution are continued until the polarity switch from a symptom-producing positive magneto-electric field to a symptom-relieving negative magneto-electric field. The negative magneto-electric field remedy is then used as a relieving agent. Thus, the remedy is specific for the relief of a specific symptom. An alternative view is that with repeated dilutions, a weak strength dilution occurs to produce a biofeedback response of increased energy. How homeopathy works is still hypothetical.

When the body concentrates negative electromagneto energy at the site where it is needed, or with a direct application of an external source of negative magneto-electric energy at the site where needed, there is no need for a counterirritant or acupuncture stimulation for the body to concentrate negative electromagnetic energy at the site. With a local application of negative magneto-electric energy at the site of disordered metabolism, there is no need for homeopathy since the gauss strength is sufficient to override all variables. Thus, there is no need for the specific negative magneto-electric field energy provided by the symptom-relieving homeopathic remedy.

My medical experience includes electric shock for mental patients, varied electrical treatments for pain and other symptoms, varied pulsing frequencies without as well as with associated magnetic fields, hyperbaric oxygen therapy, ozone therapy, hydrogen peroxide therapy and homeopathy. Based on this background of therapeutic expertise, I draw the following conclusions:

1) The application of static field negative magneto-electric energy of sufficient gauss strength and duration, (a) provides for the most efficient oxygenation of all systems for cellular oxygena-

tion, and (b) metabolic oxidation apart from oxygen.

2) Direct application of a static negative magneto-electric energy field to the metabolic disorder area is more effective than such reflexology methods as massage, heat, cold, counterirritant methods (such as liniments or low-level positive magneto-electric fields) or acupuncture.

3) Direct application of a static negative magneto-electric field is more effective than homoeopathy. The gauss strength can be raised sufficiently to override all variables, and thus the individual homocopathic remedies are not needed.

4) The static magneto-electric energy can, without pulsing frequencies, achieve the necessary metabolic corrections. Specific pulsing frequencies are useful both without and with associated magneto-electric fields. A comparison of magnetic fields without and with associated specific pulsing frequencies gives evidence that by raising the gauss strength and duration of application of the static magneto-electric energy field, the pulsing frequencies associated with magnetic field have little advantage over the negative magneto-electric energy field without the pulsing frequencies. This steady-state magneto-electric energy field can be used to achieve the same results that can be achieved by associating pulsing fields with the magnetic field. It takes a little longer to achieve the same therapeutic results with a static magnetic field only. The advantages of using combined specific frequencies with negative magnetic energy are a quicker response and less cumbersome magnetic field application. There is a great future in combining pulsing frequencies with magnetic fields. By using external enhanced static magnetic fields with the body's pulsed electromagnetic energy field, there will be a multiplier effect of the energy received in the tissues.

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To be continued in the next issue of NEXUS...

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